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L Number	Hits	Search Text	DB	Time stamp
-	317	(257/190).CCLS.	USPAT;	2002/08/14
	317	(237/130).0015.	US-PGPUB;	17:14
	·		EPO; JPO;	1.1.13
			IBM_TDB	2000 105 100
-	2834	(si silicon) and perovskite	USPAT;	2002/06/09
	•		US-PGPUB;	16:16
			EPO; JPO;	
			IBM TDB	
_	6	(si silicon) and perovskite and	USPAT;	2002/06/09
		((257/190).CCLS.)	US-PGPUB;	16:16
		((237/190).0013.)	EPO; JPO;	10.10
			IBM_TDB	1
-	1	"5484664".PN.	USPAT	2002/06/09
				16:19
_	1	"5741724".PN.	USPAT	2002/06/09
	_			16:26
	1	("6202257") DN	HSDATE.	2002/08/14
_	.1	("6392257").PN.	USPAT;	•
	[US-PGPUB;	17:15
			EPO; JPO;	}
	1		IBM_TDB	
_	0	6392257.URPN.	USPAT	2002/08/14
	1			17:14
_	107	(Ramdani-Jamal Droopad-Ravindranath	USPAT;	2002/09/15
_	10/		1	1 '
	1	Hilt-Lyndee\$ Eisenbeiser-Kurt\$).in.	US-PGPUB;	14:53
	1		EPO; JPO;	1
			IBM TDB	
_	1	"5879956".PN.	USPĀT	2002/08/14
	_			17:19
_	3	((monocrystal\$ (mono single) adj	USPAT;	2002/09/05
	3	(\monocrystaty (mono strigte) adj	1	1
		(crystal crystalline)) near5	US-PGPUB;	10:52
		perovskite) SAME (sio siox silicon adj	EPO; JPO;	1
		(dioxide oxide))	IBM_TDB	
-	1	(monocrystal\$ (mono single) adj	USPAT;	2002/09/05
1	_	(crystal crystalline)) near5 ((sto	US-PGPUB;	10:58
1		perovskite) and (iii-v gaas algas inp	EPO; JPO;	
			IBM TDB	1
		gan))		2002 (00 (05
-	76	(monocrystal\$ (mono single) adj	USPAT;	2002/09/05
		(crystal crystalline)) SAME ((sto	US-PGPUB;	12:30
		srtio perovskite) and (iii-v gaas algas	EPO; JPO;	
i		inp gan))	IBM TDB	
_	4	("4987472" "5608749" "5625202"	USPAT	2002/09/05
		"5701321").PN.		11:20
_	2	(SERIZAWA-HIROMOTO\$ FUKAI-SHOICHI\$).in.	USPAT;	2002/09/05
_		,	1	
		and perovskite	US-PGPUB;	12:31
			EPO; JPO;	
			IBM_TDB	1
-	169	(SERIZAWA-HIROMOTO\$ FUKAI-SHOICHI\$).in.	USPAT;	2002/09/05
		· · · · · · · · · · · · · · · · · · ·	US-PGPUB;	14:24
			EPO; JPO;	= -
		(#6050560#) ===	IBM_TDB	0000 (00 (05
-	1	("6270568").PN.	USPAT;	2002/09/05
İ			US-PGPUB;	14:24
			EPO; JPO;]
			IBM TDB	1
_	0	("al aluminum same (monolayer	USPAT;	2002/09/14
			-	11:10
	!	surfactant) same perovskite").PN.	US-PGPUB;	11110
I			EPO; JPO;	
į			IBM_TDB]
_	78	(al aluminum) same (monolayer	USPAT;	2002/09/14
	, ,	surfactant) same perovskite	US-PGPUB;	11:27
		ballacare, bame perconnec	EPO; JPO;	
İ			1	
I			IBM_TDB	
-	14	(al aluminum) same (monolayer seed)	USPAT;	2002/09/14
	ł	same (srtio srbatio sr near3 tio	US-PGPUB;	12:02
		perovskite)	EPO; JPO;	j
		<u>r</u> · · · · · · · · · · · · · · · · ·	IBM TDB]
			1 - 111 - 1111	

			_	
_	3	"al.sub.2" adj sr	USPAT;	2002/09/14
			US-PGPUB;	12:23
			EPO; JPO;	
			IBM TDB	
-	31	al-sr alsr	USPAT;	2002/09/14
			US-PGPUB;	14:16
			EPO; JPO;	
1			IBM TDB	j
l	2	(al aluminum) near5 (prelayer	USPAT;	2002/09/14
		pre-layer)	US-PGPUB;	14:18
	İ		EPO; JPO;	
			IBM TDB	i
-	1996	(al aluminum) near5 (template)	USPAT;	2002/09/14
		•	US-PGPUB;	14:19
			EPO; JPO;	
			IBM TDB	;
-	21	(al aluminum) near5 (template) and	USPAT;	2002/09/14
		motorola\$.as.	US-PGPUB;	14:20
			EPO; JPO;	1
			IBM TDB	
-	286	(al aluminum) near5 (template) and gaas	USPAT;	2002/09/14
		, , ,	US-PGPUB;	14:21
			EPO; JPO;	"
			IBM TDB	
-	66	(al aluminum) with (template prelayer	USPAT;	2002/09/14
		pre-layer) and (gaas iii-v) and	US-PGPUB;	15:13
		(perovskite sr srtio)	EPO; JPO;	13012
	1	(10000000000000000000000000000000000000	IBM TDB	1
_	95	(al aluminum) with (nucleation seed	USPAT;	2002/09/14
ł		template prelayer pre-layer) and (gaas	US-PGPUB;	15:14
		iii-v) and (perovskite sr srtio)	EPO; JPO;	13.11
		lili v, and (perovanies ar areio)	IBM TDB	
_	177	(al aluminum) with (nucleation buffer	USPAT;	2002/09/14
	1,,	seed template prelayer pre-layer) and	US-PGPUB;	15:14
		(gaas iii-v) and (perovskite sr srtio)	EPO; JPO;	15.14
1		(gaas III-V) and (perovskice SI Sholo)	IBM TDB	
l _	189	(al aluminum) with (monolayer	USPAT;	2002/09/14
	105	nucleation buffer seed template	US-PGPUB;	16:54
		prelayer pre-layer) and (gaas iii-v)	EPO; JPO;	10.54
		and (perovskite sr srtio)	IBM TDB	1
_	123		USPAT;	2002/09/14
	100	nucleation buffer seed template	US-PGPUB;	15:14
1		prelayer pre-layer) and (gaas iii-v)	EPO; JPO;	
		and (perovskite sr srtio)) not ((al	IBM TDB	
i		aluminum) with (template prelayer		
[pre-layer) and (gaas iii-v) and		
[(perovskite sr srtio))		
-	89	(al aluminum) with (interface) and	USPAT;	2002/09/14
		(gaas iii-v) and (perovskite sr srtio)	US-PGPUB;	16:15
		(EPO; JPO;	
]			IBM TDB	
_	183	(al aluminum) with (interface bond\$3)	USPAT;	2002/09/14
	105	and (gaas iii-v) and (perovskite sr	US-PGPUB;	17:25
		srtio)	EPO; JPO;	
			IBM TDB	
_	122	((al aluminum) with (interface bond\$3)	USPAT;	2002/09/14
	100	and (gaas iii-v) and (perovskite sr	US-PGPUB;	16:15
		srtio)) not ((al aluminum) with	EPO; JPO;	10.10
		(monolayer nucleation buffer seed	IBM TDB	1
		template prelayer pre-layer) and (gaas		
		iii-v) and (perovskite sr srtio))		
_	67	((al aluminum) with (interface) and	USPAT;	2002/09/14
		(gaas iii-v) and (perovskite sr srtio))	US-PGPUB;	16:36
		not ((al aluminum) with (monolayer	EPO; JPO;	
		nucleation buffer seed template	IBM TDB	
		prelayer pre-layer) and (gaas iii-v)		
		and (perovskite sr srtio))		
	·	AF SERVICE SERVICES AND SERVICE	L	

[-	55	(((al aluminum) with (interface bond\$3)	USPAT;	2002/09/14
	į	and (gaas iii-v) and (perovskite sr	US-PGPUB;	16:36
	İ	srtio)) not ((al aluminum) with	EPO; JPO;	1
		(monolayer nucleation buffer seed	IBM_TDB	}
		template prelayer pre-layer) and (gaas		
		iii-v) and (perovskite sr srtio))) not	ļ	
		(((al aluminum) with (interface) and		
		(gaas iii-v) and (perovskite sr srtio))		
		not ((al aluminum) with (monolayer		
		nucleation buffer seed template		
	İ	prelayer pre-layer) and (gaas iii-v)		
	122	and (perovskite sr srtio)))	HCDAT.	2002/09/14
-	132	(al aluminum) with (interface bond\$3 monolayer nucleation buffer seed	USPAT; US-PGPUB;	16:56
		1 -	EPO; JPO;	10.50
	ļ	template prelayer pre-layer) and (gaas iii-v) and (titanate)	IBM TDB	(
l _	77	((al aluminum) with (interface bond\$3	USPAT;	2002/09/14
1	''	monolayer nucleation buffer seed	US-PGPUB;	16:56
		template prelayer pre-layer) and (gaas	EPO; JPO;	10.30
İ		iii-v) and (titanate)) not ((al	IBM TDB	
		aluminum) with (interface bond\$3) and	1011_100	
		(gaas iii-v) and (perovskite sr srtio))		
_	77	((al aluminum) with (interface bond\$3	USPAT;	2002/09/14
	l ''	monolayer nucleation buffer seed	US-PGPUB;	16:56
		template prelayer pre-layer) and (gaas	EPO; JPO;	
		iii-v) and (titanate)) not ((al	IBM TDB	
		aluminum) with (interface bond\$3) and		
ŀ		(gaas iii-v) and (perovskite sr srtio))		
		not ((((al aluminum) with (interface		
		bond\$3) and (gaas iii-v) and		İ
		(perovskite sr srtio)) not ((al		
		aluminum) with (monolayer nucleation		
		buffer seed template prelayer		
1		pre-layer) and (gaas iii-v) and		
	·	(perovskite sr srtio))) not (((al		
		aluminum) with (interface) and (gaas		
		iii-v) and (perovskite sr srtio)) not		
		((al aluminum) with (monolayer	,	
		nucleation buffer seed template	+	
		prelayer pre-layer) and (gaas iii-v)		i ·
		and (perovskite sr srtio)))) not (((al		7
		aluminum) with (interface) and (gaas		
		iii-v) and (perovskite sr srtio)) not		
		((al aluminum) with (monolayer		
		nucleation buffer seed template		
		<pre>prelayer pre-layer) and (gaas iii-v) and (perovskite sr srtio)))</pre>		
_	17	(sral alst stal alst st-al al-st	USPAT;	2002/09/14
-	1/	(al aluminum) near2 (sr strontium))	US-PGPUB;	17:40
		with (monolayer template prelayer	EPO; JPO;	- 1 - 1 - 1
		pre-layer buffer nucleation seed	IBM TDB	
		interface bond\$3) and (gaas iii-v) and		
		(perovskite sr srtio titanate)	1	
_	8	(alas) with (monolayer template	USPAT;	2002/09/14
		prelayer pre-layer buffer nucleation	US-PGPUB;	18:14
		seed interface bond\$3) and (gaas iii-v)	EPO; JPO;	
		and (perovskite sr srtio titanate)	IBM_TDB	
-	10	(stal alst alas) with (monolayer strain	USPAT;	2002/09/14
		template prelayer pre-layer buffer	US-PGPUB;	17:48
	;	nucleation seed interface bond\$3) and	EPO; JPO;	
		(gaas iii-v) and (perovskite sr srtio	IBM_TDB	
İ		titanate)	_	
-	. 2	((stal alst alas) with (monolayer	USPAT;	2002/09/14
		strain template prelayer pre-layer	US-PGPUB;	17:48
		buffer nucleation seed interface	EPO; JPO;	
		bond\$3) and (gaas iii-v) and	IBM_TDB	
		(perovskite sr srtio titanate)) not		
		((alas) with (monolayer template		
İ		prelayer pre-layer buffer nucleation		
		seed interface bond\$3) and (gaas iii-v)		
- 1		and (perovskite sr srtio titanate))	l <u>.</u>	

<u> </u>	119	(alas aluminum) with (monolayer	USPAT;	2002/09/14
		template prelayer pre-layer buffer	US-PGPUB;	18:16
1	1	surfactant lattice transition	EPO; JPO;	
İ		nucleation seed interface bond\$3) and	IBM TDB	[
1			IBM_IDB	
		(gaas iii-v) and (perovskite sr srtio	1	
		titanate)	1	
_	16	(Ramdani-Jamal Droopad-Ravindranath)	USPAT;	2002/09/15
-		Hilt-Lyndee\$ Eisenbeiser-Kurt\$).in. and	US-PGPUB;	15:08
ĺ		(Al aluminum) with (surfactant	EPO; JPO;	İ
	1	template)	IBM TDB	\
				2002/00/15
-	28	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	USPAT;	2002/09/15
-		Hilt-Lyndee\$ Eisenbeiser-Kurt\$).in.	US-PGPUB;	15:08
		motorola\$.as.) and (Al aluminum) with	EPO; JPO;	
	1	(surfactant template)	IBM TDB	
-	12	(((Ramdani-Jamal\$ Droopad-Ravindranath\$	USPAT;	2002/09/15
		Hilt-Lyndee\$ Eisenbeiser-Kurt\$).in.	US-PGPUB;	15:08
İ		motorola\$.as.) and (Al aluminum) with	EPO; JPO;	13.00
			1	
		(surfactant template)) not	IBM_TDB	
	1	((Ramdani-Jamal\$ Droopad-Ravindranath\$		
1		Hilt-Lyndee\$ Eisenbeiser-Kurt\$).in. and		1
	1	(Al aluminum) with (surfactant	1	
1		template))		
I _	2	1 • ''	IBM TDB	2002/09/29
	"	Jane and of and obtion		11:32
1	4	hitachi and "213412"	IICDAM.	1
-	1	nitachi and "213412"	USPAT;	2002/09/29
			US-PGPUB;	11:33
1	1		EPO; JPO;	1
•			DERWENT;	1
			IBM TDB	}
l _	0	hitachi and vol. adj "008"	USPAT;	2002/09/29
	0	littachi and voi: adj voo	US-PGPUB;	11:33
1			1	11:33
			EPO; JPO;	}
			DERWENT;	
Í	Ī		IBM TDB	
_	2	jp-58213412\$.did.	USPAT;	2002/09/29
	-	JP 00110 1111 (unit	US-PGPUB;	11:35
			EPO; JPO;	111.55
				1
			DERWENT;	
	1		IBM_TDB	
-	2	jp-61108187\$.did.	USPAT;	2002/09/29
			US-PGPUB;	12:56
			EPO; JPO;	
	1		DERWENT;	
	1		IBM TDB	[
_	1277	(entire nemovekite) and (aliminum al)	USPAT;	2002/09/29
_	1277	(srtio perovskite) and (aluminum al)	1	1
	1	with (template surfactant monolayer	US-PGPUB;	13:05
1		mono-layer cap layer)	EPO; JPO;	
	1		DERWENT;	1
			IBM_TDB	
-	88284	compound adj semiconductor algaas	USPAT;	2002/09/29
	1	gaalas gaas iii-v	US-PGPUB;	13:05
	,	J	EPO; JPO;	
	1		DERWENT;	
			1	
]			IBM_TDB	0000/00/00
-	104111	((srtio perovskite) and (aluminum al)	USPAT;	2002/09/29
1		with (template surfactant monolayer	US-PGPUB;	13:05
		mono-layer cap layer)) wit (compound	EPO; JPO;	
Į i		adj semiconductor algaas gaalas gaas	DERWENT;	j l
		iii-v)	IBM TDB	
_	213		USPAT;	2002/09/29
- i	213	((srtio perovskite) and (aluminum al)	1	1
		with (template surfactant monolayer	US-PGPUB;	13:07
1		mono-layer cap layer)) and (compound	EPO; JPO;	
1		adj semiconductor algaas gaalas gaas	DERWENT;]
		iii-v)	IBM TDB]
i	847668	aluminum	USPAT;	2002/09/29
!	11,500		US-PGPUB;	13:07
į l	!		EPO; JPO;	-5.5.
	ļ			
[DERWENT;	[
			IBM_TDB	

_	148	(((srtio perovskite) and (aluminum al)	USPAT;	2002/09/29
		with (template surfactant monolayer	US-PGPUB;	15:25
		mono-layer cap layer)) and (compound	EPO; JPO;	
		adj semiconductor algaas gaalas gaas	DERWENT;	
		iii-v)) and aluminum	IBM_TDB	
-	4	("4900716" "4929598" "5051396"	USPAT	2002/09/29
		"5106827").PN.		13:57
-	2	5498595.URPN.	USPAT	2002/09/29
				14:00
-	2	jp-01050575\$.did.	USPAT;	2002/09/29
			US-PGPUB;	15:30
			EPO; JPO;	
			DERWENT;	1
			IBM_TDB	
-	1	("5656382").PN.	USPAT;	2002/09/29
			US-PGPUB;	15:34
			EPO; JPO;	1
			IBM_TDB	1
-	212	tialas tialga altias altiga ti-al-as	USPAT;	2002/09/29
	1	ti-al-ga al-ti-as al-ti-ga	US-PGPUB;	15:35
			EPO; JPO;	j
	1		IBM_TDB	
_	0	(or or or or or or or or or or or or or	USPAT;	2002/09/29
		ti-al-ga al-ti-as al-ti-ga) and	US-PGPUB;	15:35
		(perovskite sto sttio)	EPO; JPO;	
			IBM_TDB	
_	212	,	USPAT;	2002/09/29
		ti-al-ga al-ti-as al-ti-ga and	US-PGPUB;	15:36
	1	(perovskite sto sttio)	EPO; JPO;	ŀ
			IBM_TDB	
-	1	,	USPAT;	2002/09/29
		ti-al-ga al-ti-as al-ti-ga)!	US-PGPUB;	15:37
			EPO; JPO;	
			IBM TDB	i